

QT510-ISG



Part Number: [QT510-ISG](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC SENSOR QWHEEL ROTARY 14SOIC

Data sheet:  [QT510](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

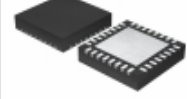
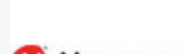
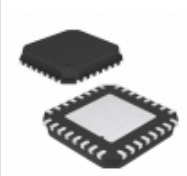
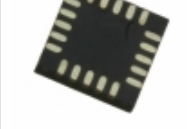
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                |                                           |                                |                                               |
|----------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------|
| Part Number                      | QT510-ISG                                 | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a> |
| Description                      | IC SENSOR QWHEEL ROTARY 14SOIC            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                    |
| Quantity Available               | 4494 pcs                                  | Data sheet                     | <a href="#">QT510</a>                         |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 2.5 V ~ 5 V                                   |
| Type                             | Wheel                                     | Supplier Device Package        | 14-SO                                         |
| Series                           | QSlide™, QWheel™                          | Resolution                     | 7 b                                           |
| Proximity Detection              | Yes                                       | Packaging                      | Tape & Reel (TR)                              |
| Package / Case                   | 14-SOIC (0.154", 3.90mm Width)            | Other Names                    | 42T-1105-2                                    |
| Operating Temperature            | -40°C ~ 85°C                              | Number of Inputs               | 3                                             |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                    |
| LED Driver Channels              | -                                         | Interface                      | SPI                                           |
| Detailed Description             | Capacitive Touch Wheel 14-SO              | Current - Supply               | 750µA                                         |

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| RELATED PRODUCTS                                                                   |                                                                                              |                                                                   |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">QT511-ISSG</a><br>Description: IC SENSR TCH SLDR QWHEEL 14TSSOP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">CAP1203-1-AC3-TR</a><br>Description: IC TOUCH SENSOR CAP 3CH 8TDFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">QT510-IS</a><br>Description: IC SENSOR QWHEEL ROTARY 14SOIC               | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">QT117L-DG</a><br>Description: IC SENSOR DATA OUTPUT 1CHAN 8DIP            | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">LDS6020PYGI</a><br>Description: IC SENSOR TCH PURETOUCH 28SSOP            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FDC1004DSCJ</a><br>Description: CAPACITIVE SENSING SOLUTIONS              | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">CY8CMBR2010-24LQXIT</a><br>Description: IC MBR 10 BUTTON 10 LED 32QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">IQS213A-00000000-MSR</a><br>Description: 3 CH. CAPACITIVE TOUCH SENSOR WI | Manufacturers: <a href="#">Azoteq</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">B6TS-04LT</a><br>Description: IC TOUCH SENSOR 4CH 20SOP                   | Manufacturers: <a href="#">Omron</a>                              | <div>RFQ</div> |
|  | Part#: <a href="#">QT320-D</a><br>Description: SENSOR IC TOUCH PROG 2CH 8-DIP                | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">FDC1004DSCT</a><br>Description: IC CAPACITIVE SENSING 4CH 10WSON          | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">QT118H-D</a><br>Description: SENSOR IC TOUCH/PROXMTY 1CH 8DIP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT1085-MU</a><br>Description: IC TOUCH SENSOR 8KEY 32QFN              | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">CPT112S-A01-GMR</a><br>Description: IC CTRL CAP TOUCH 12CH GPIO 20QF      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">AT42QT2640-AU</a><br>Description: IC TOUCH SENSOR 64KEY TQFP              | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">LDS6202DCGI8</a><br>Description: IC TOUCH CTRLR 4CH CAP 16SOIC            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPR121QR2</a><br>Description: IC CTRLR TOUCH SENSOR 20-QFN                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">QT310-IS</a><br>Description: SENSOR IC TOUCH PROG 1CH 8-SOIC              | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">CAP1296-1-SL-TR</a><br>Description: IC TOUCH SENSOR CAP 6CH 14SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">QT510-ISSG</a><br>Description: IC SENSOR QWHEEL ROTARY 14TSSOP            | Manufacturers: <a href="#">Micrel / Microchip Technology</a>      | <div>RFQ</div> |

Related keywords for QT510-ISG

|                                         |                                |                                                  |                 |
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